V1 Shoe Display Materials List:

JLCMC Parts

- Linear Actuator: https://jlcmc.com/product/s/B16/BQD-JKK60B/steel-linear-actuators-kk-series-motor-side-installation-60mm?from=JoshYTB | Part Number: JKK60B-5-P-300-A2-LM-L-57-C
- Cooling and Chlorine Dioxide Fans: https://jlcmc.com/product/b/I08/BR5690/fa-%E5%B7%A5%E4%B8%9A%E6%8E%A7%E5%88%B6-%E4%BD%8E%E5%8E%8B%E9%85%8D%E7%94%B5-%E7%94%B5%E6%B0%94%E8%BE%85%E6%9D%90-%E9%A3%8E%E6%89%87?k=INAF-80&productModelNumber=INAF-80 | Part Number: INAF-80
- Drag Chain End Links: https://jlcmc.com/product/s/B11/BKTJ/fa-%E7%9B%B4%E7%BA%BF%E8%BF%90%E5%8A%A8%E9%9B%B6%E4%BB%B6-%E6%8B%96%E9%93%BE?k=BKTJ-F20&productModelNumber=BKTJ-F20 | Part Number: BKTJ-F20
- Drag Chain Middle Links: https://jlcmc.com/product/s/B11/BKLJ/cable-carrier-15-series-bridge-type-non-openable | Part Number: BKLJ-F20-R28-N30-BKTJ
- DRAG CHAIN NOTE: When I bought the drag chain for this project, I accidentally only selected the end links. To avoid the delivery wait, I actually ended up 3d printing the middle ones (I have the files for that in my STL files folder), but I noticed the 3d printed ones were pretty weak. So I found the middle links on JLCMC, and I recommend you use those. They'll be of much higher quality than standard FDM printed ones.
- 2020A Aluminium Rail: https://jlcmc.com/product/s/T01/TXCJ/extruded-aluminum-t-slot-20-series(eu) | Part Number: TXCJ-H6-2020A-L200 (Note: You would need around 152mm of this stuff for the connection areas, but 200mm should definitely cover miscuts and stuff.)
- 2040 Aluminium Rail: https://jlcmc.com/product/s/T01/TXCJ/extruded-aluminum-t-slot-20-series(eu) | Part Number: TXCJ-H7-2040-L400 (Note: You need around 348mm of this for the shoe bed, but this should give you an extra 50mm.)
- ALUMINIUM RAIL NOTE: I originally got my rail off of an old Ender 3 3D printer I had, but these should be the same size.

Other Parts

- PETG | Main Print Material: https://a.co/d/eFtnlSz (Note: I think it took around four 1kg rolls to make this.)
- PETG | Door Print Material: https://a.co/d/3wo1hnw (Note: I think it took one 1kg roll to make the shell for the door.)
- TPU | Spring Material: https://a.co/d/5l1x0uM
- Power Supply: https://a.co/d/cfOMF5U
- Power Cable for Power Supply: https://a.co/d/dL7Kbja
- On/Off Switch Module for Power Supply: https://a.co/d/ajjtZjK
- Buck Converters: https://a.co/d/91aooBY
- Breadboards: https://a.co/d/bN8AEsD

- ESP-32: https://a.co/d/5vCUf5K
- Resistors: https://a.co/d/iCSJfpk
- Diodes: https://a.co/d/8zumlme
- Display RGB LEDs: https://a.co/d/b015BdR
- Buttons: https://a.co/d/9Ch9rfy
- Bearings: https://a.co/d/3fU0wwJ
- Servo: https://a.co/d/btITpLg
- Stepper Motor: https://a.co/d/cRLKZDN
- Stepper Motor Driver: https://a.co/d/aeNL8AM
- Copper Tape: https://a.co/d/1QdixYN
- Glue: https://a.co/d/4SLxNcS
- Spiral Cable Wrap: https://a.co/d/axzYKvL (Note: I didn't get mine off of Amazon, and I can't remember the size, but it looks to be around ⅛", so I hope this works.)
- 24 Gauge Wire: https://a.co/d/i1DXdUt
- Limit Switches: https://a.co/d/89OjKXr
- Easy Wire Connectors: https://a.co/d/7c76Mut (Note: These are supposed to be for cars or boats, but I found they worked pretty great for connecting things that needed to be disconnected often, like the fans.)
- Sponges for Chlorine Dioxide: https://www.homedepot.com/p/HDX-All-Purpose-Easy-Eraser-Sponge-6-Sponges-HDX-6pk-Orig/307833221
- Chlorine Dioxide Tablets: https://a.co/d/70uV1f7 (Note: Be careful with these! I had the solution set out in the open for a few days before I put it in the shoe display.)
- Carbon Fiber Rods: https://a.co/d/fpbQZGR
- UVC LEDs: https://www.lcsc.com/product-detail/C688875.html